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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. X-1549 US**First Inventor Brian T. Brunn****Title Bit-Edge Zero Forcing Equalizer****Express Mail Label No. EV 000337756 US**U.S.P.T.O.
16310
79192422278
030204**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:
Commissioner for Patents
P.O. Box 1450; Mail Stop Patent Application
Alexandria, Virginia 22313-14501. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. Specification [Total Pages 34]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequent listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

3. Drawing(s) (35 USC 113) [Total Sheets 10]

4. Oath or Declaration [Total Pages 02]

- a. Newly Executed (original or copy)
 b. Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)
 i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5. Application Data Sheet. See 37 CFR 1.766. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Copy (CRC)
 b. Specification Sequence Listing on:
 i. CD-ROM or CD-R (2 copies); or
 ii. paper
 c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))
 9. 37 CFR 3.73(b) Statement
(when there is an assignee) Power of Attorney
 10. English Translation Document (if applicable)
 11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
 12. Preliminary Amendment
 13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 15. Nonpublication Request under 35 U.S.C 122 (b)(2)(B). Applicant must attach form PTO/SB/35 or its equivalent.
 16. Other:

17. If a CONTINUATING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label**24309***(Insert Customer No. or Attach bar code label here)*

or

 Correspondence address below

Name	Attn: Kim Kanzaki		
Address			
City	State	Zip Code	
Country	Telephone	408-879-6149	Fax 408-377-6137

Name (Print/Type)

Kim Kanzaki

Registration No. (Attorney/Agent)

37,652

Signature

Date March 2, 2004

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810.00)

Complete If Known

Application Number	Unknown
Filing Date	March 2, 2004
First Named Inventor	Brian T. Brunn
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	X-1549 US

METHOD OF PAYMENT (check all that apply)

1. Deposit Account:

Deposit Account Number

24-0040

Deposit Account Name

XILINX, INC.

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
- Charge any additional fee(s) during the pendency of this application
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity

Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	Utility filing fee	\$770
1002	320	Design filing fee	
1003	490	Plant filing fee	
1004	770	Reissue filing fee	
1005	160	Provisional filing fee	

SUBTOTAL (1) (\$ 770.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20** =	Extra Claims below	=	Fee Paid
20	-20** =	0	x	\$0
03	- 3** =	0	x	\$0
Multiple Dependent			x	

Large Entity

Fee Code	Fee (\$)	Fee Description
1202	18	Claims in excess of 20
1201	86	Independent claims in excess of 3
1203	290	Multiple dependent claim, if not paid
1204	86	**Reissue independent claims over original patent
1205	18	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	Surcharge - late filing fee or oath	
1052	50	Surcharge - late provisional filing fee or cover sheet	
147	2,520	For filing a request for reexamination	
1812	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	Extension for reply within first month	
1252	420	Extension for reply within second month	
1253	950	Extension for reply within third month	
1254	1,480	Extension for reply within fourth month	
1255	2,010	Extension for reply within fifth month	
1401	330	Notice of Appeal	
1402	330	Filing a brief in support of an appeal	
1403	290	Request for oral hearing	
1451	1,510	Petition to institute a public use proceeding	
1452	110	Petition to revive - unavoidable	
1453	1,330	Petition to revive - unintentional	
1501	1,240	Utility issue fee (or reissue)	
1460	130	Petitions to the Commissioner	
1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	Submission of Information Disclosure Stmt	
8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	Filing a submission after final rejection (37 CFR 1.129(a))	\$40
1810	770	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	Request for Continued Examination (RCE)	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY

Name (Print/Type)	Kim Kanzaki	Registration No. (Attorney/Agent)	37,652	Telephone	408-879-6149
Signature				Date	03-02-2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

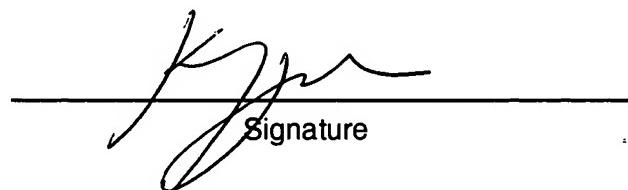
This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor	
	Brian T. Brunn	
	Title	Bit-Edge Zero Forcing Equalizer
Atty Docket Number		X-1549 US

I hereby certify that the invention disclosed in the attached application **has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.**

March 02, 2004

Date



Signature

Kim Kanzaki Reg. No. 37,652

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.